



Loctite Corporation

Industrial Group

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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name ADHESIVE/SEALANT 277 Part No. 277
Product Type Anaerobic Formula No. _____

II. COMPOSITION

<u>Ingredients</u>	<u>% by Wt.</u>	<u>Hazard</u>
Polyglycol dimethacrylates	50-55	
Bis-Phenol A fumarate resin	45-50	
Sulfimide	< 2	
Hydroperoxide	< 2	Toxic, Irritant
N,N-Dialkyltoluidines	< 1	Toxic

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure < 5 mm at 80°F Specific Gravity 1.12 at 80°F
Vapor Density _____ Boiling Point > 300°F
Solubility in Water Slight pH _____
Appearance Red Liquid Odor Mild

IV. TOXICITY AND HEALTH HAZARD DATA

Toxicity
Oral LD 50 >5000 mg/kg TLV Does not apply
Dermal LD 50 >2000 mg/kg
Symptoms of Overexposure May cause dermatitis on prolonged contact in sensitive individuals.

Emergency Treatment Procedures

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: _____
Skin Contact: Flush with water.
Eye Contact: Flush with water.

Personal Protection

Eyes: Safety glasses recommended.
Skin: Rubber or plastic gloves recommended.
Ventilation: _____

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash point > 200°F Method T.C.C.
Explosive Limits (% by volume in air) Lower _____ % Upper _____ %
Recommended Extinguishing Agents CO₂, Foam, Dry Chemical
Hazardous Products Formed by Fire or Thermal Decomposition: _____

Unusual Fire or Explosion Hazards: None
Compressed Gasses Name _____
Pressure at Room Temperature _____

VI. REACTIVITY DATA

Stability ☒ Stable ☐ Unstable
Hazardous Polymerization ☐ May Occur ☒ Will Not Occur
Hazardous Decomposition Products (non-thermal)

Incompatibility

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent.
Store in partly filled, closed container until disposal.

Recommended methods of disposal: Bury or incinerate in accordance with
EPA and local regulations.

VIII. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F to preserve shelf-life.
Handling: Avoid prolonged skin contact.

IX. SHIPPING REGULATIONS

Type of Class	DOT	Unrestricted
	IATA	Unrestricted

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Title: Vice President - Environmental Health and Safety

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